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M. Karski et al.
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201  Caloric Restriction Delays Disease Onset and Mortality in Rhesus Monkeys
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204  Discovery of Swine as a Host for the Reston ebolavirus
R. W. Barrette et al.
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R. Drdla et al.
Withdrawal from opioids in rats induces an increase in synaptic strength in pain pathways and thereby enhances pain sensitivity.

210  A Functional Role for Adult Hippocampal Neurogenesis in Spatial Pattern Separation
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Disruption of neurogenesis in a neuron-forming site in the brain impairs spatial memory functions in mice.

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L. Saveanu et al.
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Pre-Target Axon Sorting Establishes the Neural Map Topography
T. Imai et al.
The mouse olfactory topographic neural map is self-organized by interactions between axons, not directed by the target. 10.1126/science.1173596

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J. Wang et al.
Mouse embryonic stem cells exist in a high-flux metabolic state comparable to that of rapidly dividing bacteria. 10.1126/science.1173288

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A. M. Kovács and J. Mehler
Exposure to two languages facilitates the development of a more flexible associative learning capacity. 10.1126/science.1173947

Positive Selection of Tyrosine Loss in Metazoan Evolution
C. S. H. Tan et al.
Evolution of tyrosine phosphorylation as a signaling mechanism may have coincided with loss of tyrosine residues to avoid noise. 10.1126/science.1174301

The Formation of Population III Binaries from Cosmological Initial Conditions
M. J. Turk et al.
Simulations show that binary systems are likely to exist among the first generation of stars. 10.1126/science.1173540

Comment on “DNA from Pre-Clovis Human Coprolites in Oregon, North America”
H. Poinar et al.
full text at www.sciencemag.org/cgi/content/full/325/5937/148-a

Response to Comment by Poinar et al. on “DNA from Pre-Clovis Human Coprolites in Oregon, North America”
M. T. P. Gilbert and H.-D. Beer
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RESEARCH ARTICLE: Oxygen-Regulated β2-Adrenergic Receptor Hydroxylation by EGLN3 and Ubiquitylation by pVHL
L. Xie et al.
Hypoxia reduces proline hydroxylation and ubiquitylation of a G protein-coupled receptor, preventing down-regulation.

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G. Sollierber and H.-D. Beer
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This project develops species-independent classifiers for describing gene products; in Bioinformatics Resources.

NETWATCH: Prosite
Identify and explore protein domains; in Protein Databases.

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